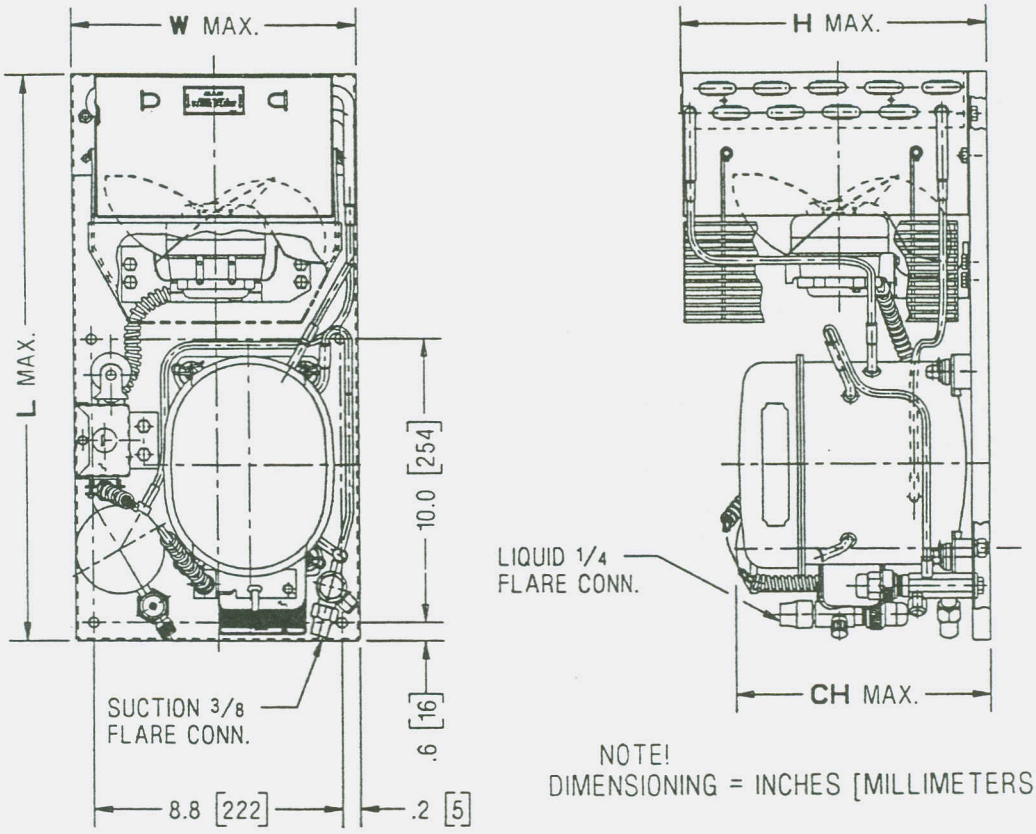
TECUMSEH HERMETIC CONDENSING UNITS

MODEL AE4430YK (Narrow Base) **R-134a** **1/4 HP** **AIR COOLED**



NOTE!
DIMENSIONING = INCHES [MILLIMETERS]

Model	Dimensions				*Line Connections		Pumpdown 90°F 90% Full	Air CFM	Oil Chg oz.	Gross Wt. Lbs.
	L	W	H	CH	Suction	Liquid				
AE4430YK	20	10	11	9.2	3/8 F	3/8 F	2.9#	240	10	52

*F=Flare, S=Solder, RF or RS = Rotolock Valve with Flare or Solder Connections

Factory Charge: 20 psig nitrogen - **MUST BE EVACUATED**

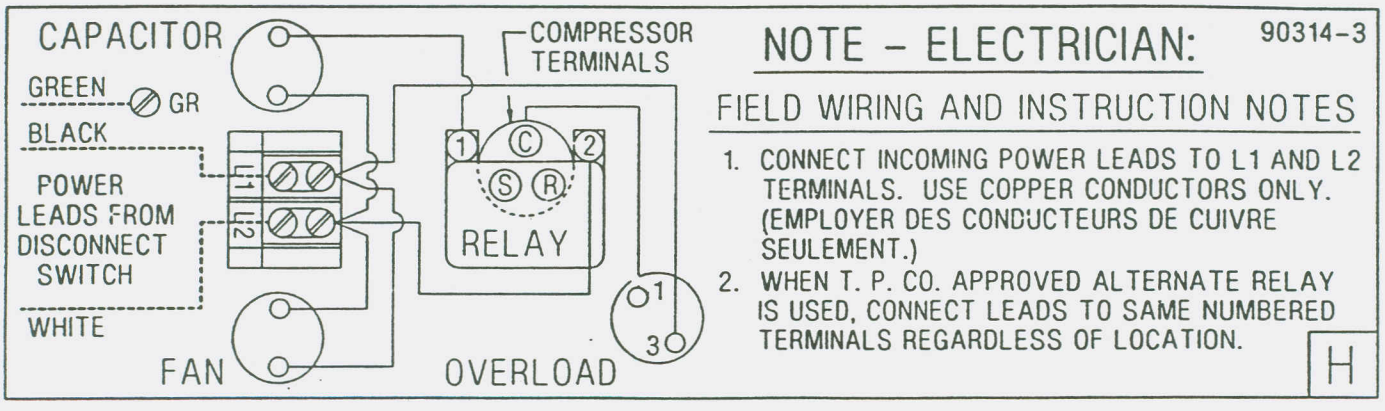
Approved Evap. Range		Ambient								
		90°F			100°F			110°F		
°F	PSIG	BTUH	Watts	Head	BTUH	Watts	Head	BTUH	Watts	Head
20	18.4	1710	370	153	1650	380	173	1480	390	196
25	22.1	2000	395	161	1820	405	181	1640	420	205
30	26.0	2200	420	168	1980	435	189	1800	450	214
35	30.3	2400	450	176	2160	465	198	1960	480	223
40	35.0	2600	480	184	2350	495	206	2120	515	232
45	40.0	2820	510	192	2540	530	216	2300	550	242
50	45.3	3070	550	200	2750	570	225	2480	590	252
55	51.1	3330	590	209	2980	610	235	2680	635	264

Based on 65°F return gas and 5°F subcooling.

Model AE4430YK

SPECIFICATIONS

Nominal Voltage	115-60-1
Unit Bill of Material	2C412-1
Voltage Range	126.5 to 103.5
Minimum Circuit Ampacity	7.1
Max. Fuse Size (Amps)	15
Compressor Model	AE4430Y
Bill of Material	AE540AT-736-P2
RLA/LRA	5.3/29.0
Electrical Assembly	AE1274-018
Overload	83940
Overload Alternate	830014MF86
Relay	82628
Relay Alternate	82420
Relay Alternate	8200EMBE49
Start Capacitor	855S110C39
Rating	243-292/110
Fan Motor	810M006B45
Alternate	810G006A94
Fan Blade	51561
Fan Guard	70954
Condenser	50836
Condenser Shroud	70955
Receiver Tank	51067
Unit Drawing	SU1896-82
Schematic or Elect. Dwg.	90314-3



U.L. Listed ---------- File #SA2372 -------- Card Guide #SGYU
CSA Certified ---------- Canadian File #12964C -------- USA File #8873C